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**TB CARE I**

# **TB CARE I - Ethiopia**

**Year 2b & Year 3  
Quarter 4 Annex  
July-September 2013**

**October 31, 2013**

## Quarterly Overview

<b>Reporting Country</b>	<b>Ethiopia</b>
<b>Lead Partner</b>	<b>KNCV</b>
<b>Collaborating Partners</b>	<b>MSH, The Union, WHO</b>
<b>Date Report Sent</b>	October 30, 2013
<b>From</b>	Ezra Shimeles, Country Director
<b>To</b>	Yared Kebede Haile
<b>Reporting Period</b>	<b>July-September 2013</b>

<b>Technical Areas</b>	<b>% Completi</b>
1. Universal and Early Access	96%
2. Laboratories	97%
3. Infection Control	99%
4. PMDT	93%
5. TB/HIV	100%
6. Health Systems Strengthening	85%
7. M&E, OR and Surveillance	83%
8. Drug supply and management	100%
<b>Overall work plan completion</b>	<b>94%</b>

## Quarterly Activity Plan Report

1. Universal and Early Access								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned Completion Month	Year	Cumulative Progress and Deliverables up-to-date
1.1 Increased demand for and use of high quality TB services and improve the satisfaction with TB services provided (Population/Patient Centered Approach)	1.1.1	Advocacy with CSO	KNCV	9.800	100%	Dec	2012	Supported Ethiopian society of Tropical infection disease workshop, 250 participants for 2 days
	1.1.2	Training of CSO	KNCV	23.080	100%	May	2013	Two sub cities (districts) in Addis Ababa have been targeted as intervention area for capacity building and engagement of CSOs in TB control where TB burden is a significant problem. A four days training for a total of 35 members (all were women) of Women's association conducted on basics of TB, stakeholders' role, stigma related to TB, skill's on health education & communication, social mobilization and advocacy. Moreover, refresher training has been given for 23 members of Women's association who have been trained in APA2.
	1.1.3	TA on CSO	KNCV	30.506	100%	Aug	2013	Netty Kamp, Senior Advisor on ACSM provided a one week TA in April, 2013. And, 2nd TA visit for 2 weeks in August, 2013 conducted as external reviewer of NTP and focused on the national ACSM strategy in particular.
	1.1.4	Workshop CSO and HCW	KNCV	21.060	100%	May	2013	A one day stakeholders (HEW coordinators, CSO members, HCWs & health office staff) conducted in order to discuss on CSO's role and on how to strengthen suspect referral and linkage in these sub cities. A total of 35(M=17;F=18) from Kolfe and Addis Ketema have attended the workshop.
	1.1.5	Panel discussions	MSH	11.080	100%	April	2013	Six panel discussions were conducted. Topics of discussion were basics of TB, MDR TB, TB IC, treatment adherence and role of Edir (community based organizations) in DOT. Panel discussions with Federal prisons staff and inmates of Shoa Robit, Ziway & Kaliti prison (See photo album) were also conducted. Referral linkage, role of inmates and prison service on TB control & prevention were the discussion points.
	1.1.6	TB news letters	MSH	6.000	100%	Sep	2013	Four Quarterly Newsletters produced and distributed.To date 18,000 copies were printed and distributed to target audience
	1.1.7	Review meetings	MSH	15.120	100%	Sep	2013	Four review meetings of the TB Media forum conducted including one in the 4th Quarter. Activity report of the forum presented, technical updates by MoH experts and next steps were discussion points of the meetings
	1.1.8	TB messages on cassettes	MSH	3.500	100%	June	2013	TB messages by the current TB ambassador with stage plays from 2013 WTD commemoration produced on CDs and distributed to transport sector, public and private HFs.
	1.1.9	WTD Commemoration	MSH	12.200	100%	March	2013	Actively engaged in the steering committee nationally, took the responsibility of procuring WTD T-Shirts and also supported Oromia HB in commemorating the 2013 WTD as per their request
	1.1.10	Regional TB Media Forums	MSH	4.080	100%	Feb	2013	Regional TB media forum established in oromia region after the first workshop held in Bishoftu from April 6-7 2013. The number of forum members are 33 (M-27, F-6). Discussion on the way forward conducted with Oromia Regional health Bureau (ORHB). Plan of Action developed by participants. Similar discussion started with Tigray RHB to be effected in APA4.
	1.1.11	Assessment of Radio programs	MSH	15.916	Cancelled	July	2013	Activity postponed to APA4
	1.1.12	Radio program	MSH	30.000	100%	Sep	2013	Broadcasting commenced in Feb. 2013 and it's to be continued till Feb2014
	1.1.13	Regional TB Media Forums - follow-up	MSH	7.080	100%	Aug	2013	Follow up done after establishment of regional TB Media forum in Oromia.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
1.2 Increased quality of TB services delivered among all care	1.2.1	Training on childhood TB	KNCV	11.795	Cancelled	Sep	2013	Activity carried over to APA4
	1.2.2	Job aid	KNCV	5.280	Cancelled	Sep	2013	Activity carried over to APA4
	1.2.3	CME on childhood TB	KNCV	10.720	100%	Sep	2013	Activity is re-planned; consultant contracted for a national baseline assessment on childhood TB and final draft report submitted
	1.2.4	Training on gastric lavage	KNCV	5.850	Cancelled	Sep	2013	Activity carried over to APA4

providers (Supply)	1.2.5	TOT	WHO	113.904	100%	July	2013	Overall, a total of 305 (M= 230; F= 75) participants from all regions trained. The purpose of the training was to increase the pool of regional trainers to cascade training on the integrated refreshment trainings (IRT) for Health Extension Workers (HEWs) in the country.
	1.2.6	Supportive supervision	WHO	110.621	100%	Sep	2013	Supportive supervisions were conducted in all regions
	1.2.7	Review meeting	WHO	42.262	100%	Sep	2013	CBTC review meetings were conducted in all regions. Some region integrated the review meeting to other program (like HIV review meetings). Others did TB program specific review meetings.
	1.2.8	Guideline revision, printing	WHO	24.606	10%	Sep	2013	Discussion with FMOH has been initiated and areas for review and updates have been identified and the remaining activities are carried over to the APA4
	1.2.9	TB Screening in prisons	MSH		100%	Oct	2013	HcWs trained in 4 prisons and screening for TB upon arrival of inmates, while in prison setting and upon discharge in place
	1.2.10	Renovation of TB rooms	MSH	30.160	100%	Aug	2013	Four sites assessed with ORHB and Oromia Prison commission after securing buy in. A floor plan to renovate four isolation rooms in 4 sites developed, material & labor cost estimat done by MSH Engineer. All sites rennovated and handed over.
	1.2.11	Referral linkage	MSH	10.600	100%	Feb	2013	Secured buy in from Oromia RHB; four sites assessed & availed TB Unit registers; Health care Workers trained, referral linkage including appropraite R & R formats put in place in all 4 prisons in Oromia
	1.2.12	TB conference	KNCV	23.380	100%	Oct	2012	National TB Program and TB CARE I staffs participated in 43th UNION Conference. A poster on Improving TB case detection by implementing Standard operating Procedures (SOPs) in Selected Health Facilities of Ethiopia was presented at the conference.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
1.3 Reduced patient and service delivery delays (Timing)	1.3.1	SOP implementation	MSH	5.680	Cancelled	Sep	2013	Activity carried over to APA4
	1.3.2	Assessment on treatment adherence	MSH	13.440	Cancelled	Mar	2013	Activity carried over to APA4
	1.3.3	Workshop on adherence	MSH	8.160	Cancelled	Mar	2013	Activity carried over to APA4
	1.3.4	Support SOP follow up	MSH	4.200	Cancelled	Mar	2013	Activity carried over to APA4
	1.3.5	Follow-up of TB case detection SOPs pilot program	MSH	12.240	100%	Sep	2013	A joint follow up visit conducted 2x, from Apr 22 - May 14; and Aug 12-23, 2013. Zonal health staff with TB CARE technical staff
	2b.1.3.1	Training on childhood TB	KNCV	6.315	100%	Mar	2013	Reported in APA2
	2b.1.3.2	TA	KNCV	7.771	100%	June	2013	Reported in APA2
	2b.1.3.3	Conduct assessment of quality of DOT on EH/RH	WHO	55.266	Cancelled	Sep	2013	Activity carried over to APA4
					96%			

2. Laboratories								
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
						Month	Year	
2.1 Ensured capacity, availability and quality of laboratory testing to support the diagnosis and monitoring of TB patients	2.1.1	(PF) Training on AFB microscopy and EQA	MSH	44.040	100%	April	2013	A three round national TOT and one basic training in Ormoia was supported , A two round training on TB microscopy EQA was provided for lab quality officers and TB focal persons for non HEAL TB zones of Oromia region . A total of 6 females and 72 males were trained. A seven day training was conducted on LED fluorescent microscopy in Tigray region to implement this new technology . A total of 28 ( M=20, F=8) lab professionals were trained . A second round training on LED microscopy was conducted in Tigray region . A total of 30 ( M=15 , F=15) lab professionals were trained
	2.1.2	(PF) Overseas training	MSH	15.772	100%	Sep	2013	Two lab professionals from EHNRI and one from TB CARE I have attended overseas training on " Lab services for MDR TB" in Kigali, Rwanda from september 23 to october 2/2013
	2.1.3	(PF) OR on TB diagnosis	MSH	27.000	Cancelled	Sep	2013	This activity is carried over to APA4
	2.1.4	(PF) Support TWG	MSH		100%	Sep	2013	Three technical working group meetings were attended. Major agenda is revision of the national Lab strategic plan
	2.1.5	(PF) Equipments for TB microscopy	MSH	99.433	100%	April	2013	Fourty microscopes and related items were distributed to sites. Sixteen of them were handed over to Tigray regional lab (picture attached), the rest were given to EHNRI
	2.1.6	(PF) Equipment maintenance	MSH	8.000	100%	Mar	2013	Carried over to APA4
	2.1.7	(PF) AFB microscopy EQA support to EHNRI	MSH	5.400	75%	Mar	2013	Supported revision of AFB Microscopy and EQA guidelines. Ten laboratory professionals (M=7, F=3) from regional labs were trained on panel preparation. TB CARE I support was financial (trainers fee), and printing of TB microscopy EQA guideline is not done due to competing priorities at EHNRI.
	2.1.8	(PF) AFB microscopy EQA support to Regions	MSH	17.000	100%	August	2013	Mekele and Hawasa regional labs were contacted to initiate this activity, and Hawasa regional lab supported by providing TB microscopy reagents. Adam regional lab supported on slide collection by training of TB focal persons
	2.1.9	(PF) Decentralization of EQA	MSH	16.000	100%	May	2013	Laboratory technicians 78(M=72; F=6) trained and furniture procured and distributed for 13 hospitals. Lab profesional trained, furnitures procured. All furnitures delivered to Adama regional laboratory for distribution to EQA sites
	2.1.10	(PF) EQA data management	MSH	9.600	Cancelled	May	2013	Activity modification requested in the first Quarter, waiting for approval to use the budget for activity no 2.1.7
	2.1.11	(PF) TA on EQA data management and reporting system	MSH	11.391	100%	Jan	2013	Charles Kagoma from Tanzania has provided technical assistance on EQA data management and participated on the national TOT on AFB microscopy and EQA and made presentation on TB CAP tools for improved EQA data management
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
2.3 Ensured optimal use of new approaches for laboratory confirmation	2.3.1	(PF) TB culture quality assurance	MSH	3.750	Cancelled	May	2013	Discussion ongoing with EHNRI. Activity modification requested, activity delayed due to EHNRI competing priorities
	2.3.2	(PF) Implementation of LED	MSH	3.750	Cancelled	March	2013	Carried over to APA4
	2.3.3	(PF) Introduction of GeneXpert	MSH	1.960	Cancelled	Feb	2013	Carried over to APA4
					97%			

3. Infection Control						Planned		
Outcome	Activity #	Activity	Activity Leader	Approve d Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
3.2 Scaled-up implementation of TB-IC strategies	3.2.1	(PF) Renovation TB clinics	KNCV	80.000	<div><div></div></div> 100%	June	2013	TB waiting area in Bishoftu and St Peter Hospital in AA completed.
	3.2.2	(PF) Standard for designing health facilities	KNCV	5.220	<div><div></div></div> 75%	April	2013	Guideline drafted, enriched with comment from national and international experts during Engineers/Architects training. Printing postponed for APA4
	3.2.3	(PF) Sputum booth	KNCV	12.000	<div><div></div></div> 100%	May	2013	Sputum booth produced and sent to Gondar University Hospital
	3.2.4	(PF) Advocacy for TBIC	KNCV	5.320	<div><div></div></div> 100%	May	2013	As per plan, supported and tried to spearhead TB IC issues during National TB Review meeting, e.g. issues related to TB IC & service expansion of MDR-TB, having a minimum package on TBIC to guide implementation
	3.2.5	(PF) Technical support to TWG	KNCV		<div><div></div></div> 100%	Sept	2013	Ongoing support to the TWG during regular meetings & review meetings
	3.2.6	(PF) Job aids on TBIC	KNCV	2.740	<div><div></div></div> 100%	April	2013	SOP (Job aid) on N-95 developed and printed (pic attached)
	3.2.7	(PF) SOP for MDR sites	KNCV	640	<div><div></div></div> 100%	April	2013	Job aid for MDR-TB sites prepraed and printed (pic attached)
	3.2.8	(PF) Assessment on TBIC	KNCV	4.045	Cancelled	May	2013	Protocol, bid document and all necessary preparations have been finalized. Due to competing priorities FMoH postponed the activity. Carried over to APA4
	3.2.9	(PF) Handkerchief	KNCV	4.500	<div><div></div></div> 100%	April	2013	5000 Handkerchiefs procured and being distributed for promoting cough etiquette
	3.2.10	(PF) IEC materials	KNCV	3.850	<div><div></div></div> 100%	April	2013	Poster Printed
	3.2.11	(PF) Respirators for MDR	KNCV	10.200	<div><div></div></div> 100%	April	2013	15000 N 95 procured
	3.2.12	(PF) Surgical Mask	KNCV	8.750	<div><div></div></div> 100%	March	2013	30000 masks procured
	2b.3.2.1	Renovation of TB clinics	KNCV	40.000	<div><div></div></div> 100%	Dec	2012	Renovation of patient's waiting area of four health centers of Addis Ababa completed, the renovation will help to improve TB infection prevention activities of the facilities.
Outcome	Activity #	Activity	Activity Leader	Approve d Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
3.4 Improved TB-IC human resources	3.4.1	(PF) Training on TBIC	KNCV	39.825	<div><div></div></div> 100%	August	2013	Second TB IC training conducted and a total of 61 (M=32;F=29) health care workers participated.
	3.4.2	(PF) Supportive supervision	KNCV	16.800	<div><div></div></div> 100%	Sept	2013	Supportive Supervision for MDR TB facilities in Oromia, Dire Dawa and Amhara conducted. See report on activity no 4.1.5
	3.4.3	(PF) Review meeting	KNCV	16.920	<div><div></div></div> 100%	Sept	2013	All the necessary technical and financial support given and the national TB review meeting conducted as planned for TB IC trained Health facilities in Addis Ababa and Oromia .
	3.4.4	(PF) Overseas training	KNCV	9.680	<div><div></div></div> 100%	June	2013	Two TB CARE staff (1 Architect & 1 TB IC coordinator) were training at Harvard TB IC training)
	3.4.5	(PF) TA on TBIC	KNCV	14.661	<div><div></div></div> 100%	Sept	2013	Completed, June 7-14/2013
	2b.3.4.1	National training on TB IC	KNCV	6.350	<div><div></div></div> 100%	July	2013	A two days gap filling training on TB IC conducted for 39(M=31;F=8) health care workers of Gondar university Hospital and health centers
	2b.3.4.2	Scale up of FNA	KNCV	15.000	<div><div></div></div> 100%	Dec	2012	TB CARE I supported one day workshop on fine needle aspiration(FNA), a total of 28(F=5) pathologists participated in this workshop.
					<div><div></div></div> 99%			

4. PMDT		Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #					Month	Year	
4.1 Improved treatment success of MDR TB	4.1.1	Training on PMDT: HCW	KNCV	35.080	80%	May	2013	Supported two rounds of training and a total of 56 (F=28) health care worker trained on PMDT. The third training which was planned is postponed to APA4
	4.1.2	Training managers	KNCV	9.380	100%	April	2013	Activity merged with international PMDT training and trained program managers.
	4.1.3	Training on sample transportation for case detection	KNCV	12.300	50%	June	2013	Gap identification assessment conducted in 6 regions and 8 regional laboratories of the country. As a result, signing agreement between regional laboratories and EHNRI is ongoing
	4.1.4	Overseas training PMDT	KNCV	7.552	100%	July	2013	One TB CARE I staff and three staff from MDR TB treatment initiating centers from Amhara, Oromiya & Dire Dawa regions have attended PMDT TB training in Rwanda.
	4.1.5	Supportive supervision PMDT	KNCV	11.200	100%	Sept	2013	Technical support visit conducted by TB CARE MDR-TB advisor & TB IC coordinator to strengthen PMDT and TB IC for Amahara Region.
	4.1.6	Orientation to support staff	KNCV	12.720	100%	April	2013	Conducted for Geda and Dire Dawa MDR-TB sites
	4.1.7	Catchment area meetings	KNCV	10.800	100%	Sept	2013	Two catchment area meeting conducted for ALERT and St Peter MDR Center in the previous quarters and the third catchment area meeting conducted in ALERT in the 4th quarter
	4.1.8	Renovation MDR ward	KNCV	146.874	75%	Sept	2013	Supporting ALERT (OPD & lab) and Bishoftu renovation projects; overall progress of the three is around 70%
	4.1.9	Job aids PMDT	KNCV	990	75%	August	2013	Job Aid developed and ready for printing.
	4.1.10	Equipment for MDR sites	KNCV	27.200	100%	Sept	2013	Supported procurement of de-ionizing machine for chemistry analyzer at ALERT Hospital and computers for St.Peter Hospital
	4.1.11	Support MDR TWG	KNCV		100%	Sept	2013	Ongoing support e.g. revision of scale-up plan, drafting national TB strategic plan, patient support package
	4.1.12	PMDT Guideline	KNCV	6.450	100%	April	2013	Supported printing of the national PMDT ambulatory care protocol.
	4.1.13	Ancillary drugs	KNCV	11.000	100%	Sept	2013	TB CARE I procured ancillary drugs for ALERT hospital; and further technically assisted in the preparation of national list of ancillary drugs for MDR-TB patient at MOH. Moreover, TB CARE supported FMoH to procure ancillary drugs to MDR-TB sites
	4.1.14	Socio-economic support	KNCV	24.000	75%	Sept	2013	TB CARE I is supporting monthly transportation allowance for 100 (M=60;F=40) MDR TB patients who were admitted in ALERT hospital and are now being treated as ambulatory patients. Also covering the house rent of 9 (M=5;F=4) patients based on the house assessment of individual patient done by the hospital MDR TB management team.
	4.1.15	Nutritional support	KNCV	22.860	100%	Sept	2013	TB CARE I supported the provision of nutritional support to 72 MDR-TB patients (M=41;F=31) at ALERT center.
	4.1.16	Laboratory strategy	KNCV	11.830	Cancelled	Sept	2013	Postponed for APA4.
	4.1.17	Laboratory equipment	KNCV	88.930	100%	Sept	2013	Chemistry analyzer procured and installed to ALERT MDR TB Center. PPE procured for MDR-TB site.
	4.1.18	TA on laboratory	KNCV	12.770	100%	Sept	2013	In August, TA provided to EHNRI by regional lab consultant (KNCV) on finalization process of Xpert validation including the data analysis.
	4.1.19	Training data managers	KNCV	1.640	100%	January	2013	An orientation workshop on the revised MDR TB recording & reporting tools have been conducted in four rounds for a total of 99 (F=42) individuals working at MDR TB sites of the country.
	4.1.20	Review meetings	KNCV	8.180	100%	August	2013	Technical and financial support given to conduct National TB Review Meeting.
	4.1.21	TA on PMDT	KNCV	11.603	100%	Sept	2013	PMDT TA provided by regional KNCV consultant in the 3rd quarter.
	4.1.22	International training	KNCV	24.915	100%	Sept	2013	As planned the training conducted in July and 27 (M=23; F=4) national and Regional participants attended the high level international training on PMDT
	4.1.23	Renovation MDR ward	KNCV	109.215	100%	Sept	2013	Renovation at Geda Health Center completed

4.1.24	SLD (second shipment)	KNCV	173.433	100%	Jan	2013	Second shipment of SLD for 100 patients arrived in country on Dec 17, 2012. The treatment is being distributed for three MDR TB centers accordingly through appropriate channels of FMOH.
2b.4.1.1	Renovation MDR ward	KNCV	120.000	75%	Sept	2013	Renovation at Bishoftu is progressing well and so far, more than 70% accomplished.
2b.4.1.2	Renovation laboratory	KNCV	90.000	50%	Sept	2013	Renovation of Laboratory at ALERT Hospital progressing. Will be completed in APA4
2b.4.1.3	Experience sharing	KNCV	16.806	100%	Sept	2012	Supported experience sharing visit to Rwanda by 03 program managers of MDR sites in Ethiopia, in August 2012. The purpose was to learn from the experience on implementation of MDR-TB program. The major lessons were: the MDR program in Rwanda has been successful, with well organized systems in place, a full time coordinator, reasonable allocation of resources and strong government commitment.
2b.4.1.4	Local training on PMDT	KNCV	9.065	100%	August	2012	Done in APA2
2b.4.1.5	TA on PMDT	KNCV	23.793	100%	Sept	2013	Completed in June ,2013
2b.4.1.6	Support official travel	KNCV	9.340	100%	Oct	2013	Based on the request of MOH, TB CARE I supported two official trips from National Referral laboratory and MOH. The purposes were for the Director of Central Reference Laboratory to attend the GLI meeting and for the national TB Focal Person to attend TB ACSM international training.
2b.4.1.7	Scientific event	KNCV	9.000	100%	Dec	2012	Supported one national scientific event organized by MOH and EHNRI, May 2012, where research papers on TB were discussed with national stakeholders.
2b.4.1.8	Equipment for MDR sites	KNCV	23.483	100%	Sept	2013	Supported procurement of furniture for St.Peter MDR-TB training center; procured curtain blinder for St.Peter Hospital as well
2b.4.1.9	GeneXpert	KNCV	130.296	100%	Sept	2013	Three machines procured and provided to EHNRI.
2b.4.1.10	Renovation MDR ward	KNCV	95.000	75%	Sept	2013	Renovation on progress at ALERT MDR TB out patient department.
2b.4.1.11	Equipment	KNCV	38.924	100%	Sept	2013	St.Peter MDR-TB training Center: furniture, TV, and file cabinet. Chamistry analyzer for ALERT Hospital
				93%			

5. TB/HIV						Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	
5.1 Strengthened prevention of TB/HIV co-infection	5.1.1	(PF) Assessment on TB/HIV	MSH	8.700	Cancelled	July	2013	Discussion started with FMOH on TBL and TB/HIV assessments and this activity also carried over to APA4
	5.1.2	(PF) Consultative workshops on TB/HIV	MSH	8.160	cancelled	May	2013	Activity carried over to APA4
	5.1.3	(PF) Review meetings	MSH	10.160	100%	Aug	2013	Supported the national review meeting which was held in Aug 2013.
	5.1.4	(PF) Support national TWG	MSH	5.124	100%	Sep	2013	TB CARE I is supporting the TWG in different core groups to mention few from this quarter-participated in the strategic plan costing exercise, 5 year TB and TB/HIV program analysis, document translation, pocket guide finalization, and the support will continue in the remaining few months.
	5.1.5	(PF) Support regional TWG	MSH	2.800	100%	Sep	2013	Supported the Oromia RHB with JSS planning, checklist preparation, and SS report writing and Six month plan preparation. In the third Quarter, TB CARE I Supported the Oromia RHB TB/HIV task force twice in this quarter. The key issues were annual plan review, performance review and resource mobilization
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
5.2 Improved diagnosis of TB/HIV co-infection	5.2.1	(PF) National TB/HIV TOT	MSH	20.660	100%	Jun	2013	TB CARE I conducted regional level TOT for the Oromia RHB after discussing with FMOH, June 10-15/2013. Total participants were 45 M=33;F=12).
	5.2.2	(PF) Regional TB/HIV basic training	MSH	17.620	100%	Mar	2013	Conducted two rounds of basic training for Amhara and Oromia region for 63(M=23;F=20) participant between April 8-13/2013 and June 17-22/2013.
	5.2.3	(PF) Overseas training on TB/HIV	MSH	19.056	100%	Sep	2013	Two staff--one from FMOH and one from TB CARE I participated in Sondalo course from May April 28-May 12 2013.



5.2.4	(PF) Presentation at union conference	MSH	11.784	100%	Dec	2012	Poster on <i>Improving TB case detection by implementing Standard operating Procedures (SOPs) in Selected Health Facilities of Ethiopia</i> presented at Kuala Lumpur union conference.
5.2.5	(PF) Print TBL and TB/HIV guidelines, and training material	MSH	24.400	100%	Jan	2013	TB CARE I supported the final edit of the document including incorporating updates from the new WHO recording and reporting guidance. Moreover, TB CARE I supported the printing of 10,000 copies of the TBL and TB/HIV guideline
5.2.6	(PF) Prepare CD of TBL and TB/HIV Guidelines	MSH	7.500	100%	Jan	2013	TB CARE I supported the preparation of key national and international TB and TB/HIV documents with labeled CD which will serve as a reference for HF, academia and partners
5.2.7	(PF) Prepare wall charts	MSH	25.000	100%	Feb	2013	Nine types of wall charts prepared and finalized. 10,000 copies printed for HF, academia and other program implementers. More the 60% distributed to RHBs and partners working in the regions for distributing to HF. The distribution to the remaining regions continued in this quarter too
5.2.8	(PF) Piloting of TB contact tracing	MSH	11.396	100%	May	2013	TB CARE I supported the TB contact investigation pilot in 20 HF of North Shoa ZHD in collaboration with Amhara RHB. Sensitization workshop conducted in April 15-16, 2013 Contact register log book developed and distributed to the 20 HF
5.2.9	(PF) Support best performing TB/HIV sites	MSH	9.880	100%	June	2013	As part of the regular supportive supervision (which was conducted from July 27-Aug 18 2013) of the regional TBL and TB/HIV activities, Oromiya RHB selected best performing HF using criteria prepared for the purpose.
5.2.10	(PF) Follow up of TB Contact tracing implementation	MSH	5.200	100%	Sep	2013	Supported the follow up of pilot sites regularly, Monthly supportive supervision conducted three times in the 4th quarter. The pilot is progressing well and documentaion continued as well.
5.2.11	(PF) Support piloting of TB/HIV mortality audit tool	MSH	8.180	Cancelled	Sep	2013	This activity carried over to APA4
5.2.12	(PF) Support in country experience sharing visits	MSH	6.320	cancelled	Sep	2013	Activity carried over to APA4
5.2.13	(PF) TA on TB/HIV Mortality audit tool piloting	MSH	14.051	cancelled	May	2013	Activity carried over to APA4
5.2.14	(PF) Training material	MSH		100%	Feb	2013	The development of separate training material were discussed with NTP experts and it was suggested by them to use the comprehensive TBL and TB/HIV training manual for General Health care, which is fully supported by TB CARE I.
				100%			

6. Health Systems Strengthening						Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	
6.2 TB control components (drug supply and management , laboratories, community care, HRD and M&E) form an integral part of national plans, strategies	6.2.1	TOT on leadership	WHO	35.681	100%	Sept	2013	Provided TOT to 42 NTP experts on program management & leadership: 2 session
	6.2.2	Stop TB partnership	WHO	6.611	25%	Sept	2013	One stop TB partnership meeting conducted and the other meetings are carried over to year 4
	6.2.3	Capacity assessment workshop	WHO	42.557	100%	Sept	2013	Health system capacity assessment workshop conducted to 30 participants from SNNPR and gambel region
	6.2.4	Supportive Supervision	MSH	20.160	cancelled	Aug	2013	Activity modification requested and approved to use the budget for activity no 1.2.10
	6.2.5	TB conference	WHO	15.594	100%	Oct	2013	National Tb program and WHO staff attended the Union World Lung Health conference.
	6.2.6	Workshop on strategic planning	KNCV	6.960	100%	May	2013	TB CARE I supported global fund budget forecasting exercise for the year 2013 -2016 and submitted to Global Fund Resource Forecasting Exercise
					85%			

7. M&E, OR and Surveillance						Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	
7.2 Improved capacity of NTPs to analyze and use quality data for the management of the TB program	7.2.1	Training on data quality	KNCV	6.120	Cancelled	July	2013	discussion held with MOH to conduct training for culture lab personals on MDR TB RR tool in APA4.
	7.2.2	Workshop on improving data quality	KNCV	4.710	100%	August	2013	NTP program review meeting conducted and TB CARE supported financially and technically as well.
	7.2.3	Quality assessment	KNCV	2.720	100%	August	2013	Assessment of Six health facilities of Dire Dawa region conducted, finding shared to the regional TB focal person.
	7.2.4	TB Conference	KNCV	16.200	100%	Oct	2013	One TB CARE I staff and Regional TB focal person attended the 43th UNION conference.
	7.2.5	Overseas training	KNCV	8.444	Cancelled	August	2013	NTP is in new staff recruitment and re-structuring process and this has made it difficult to identify appropriate personnel for this training.
	7.2.6	Mentoring MDR sites	KNCV	2.040	100%	Sep	2013	On site orientation on new reporting & recording tools conducted in ALERT center, and Gondar University Hospital.
	7.2.7	Supportive supervision	KNCV	4.760	50%	Sep	2013	M & E officer resigned in the quarter therefore planned visit couldn't be done
	7.2.8	Registers and formats	KNCV	5.000	100%	Oct	2012	Revised and newly developed MDR TB recording and reporting formats printed with the support of TB CARE I.
	7.2.9	Electronic TB register	KNCV	3.510	100%	March	2012	Access based electronic MDR TB recording & reporting tool developed by TB CARE I expert, pretested and installed in three MDR TB treatment centers.
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	Cumulative Progress and Deliverables up-to-date
7.3 Improved capacity of NTPs to perform operations	7.3.1	Training on OR	KNCV	151.540	0%	Sept	2013	Planned block II training for Cohort I trainees is not conducted in the 4th quarter due to proposal development couldn't be finalized by the team of trainees. Carried over to APA4
	7.3.2	Impact assessment	The Union	35.846	Cancelled	June	2013	Will be carry forward to year 4

research	<b>7.3.3</b>	Mentorship	KNCV	33.765	100%	Aug	2013	Is on going mentorship for the 1st & 2nd cohort of OR trainees which was conducted in Dec, 2012 and Apr 2013.
	<b>7.3.4</b>	Conducting OR	KNCV	80.940	75%	Aug	2013	Six proposals finalized & data collection is on progress
	<b>7.3.5</b>	Sponsor research	KNCV	52.030	Cancelled	Mar	2013	carried over to APA4
	<b>7.3.6</b>	TRAC meetings	KNCV	7.040	100%	Mar	2013	Facilitated and supported TRAC members meeting
	<b>7.3.7</b>	TB conference	KNCV	18.400	100%	April	2013	Supported and successfully conducted the 8th annual TRAC conference from Mar 21-23, 2013
	<b>7.3.8</b>	Research ethics	KNCV	6.040	100%	Dec	2012	Regional ethics committee assessment and capacity building training conducted for five regions
	<b>7.3.9</b>	Support ETBIN activities	KNCV	11.085	100%	July	2013	Assessment on the status of regional Ethical committee of five major regions has been conducted in second quarter by local consultants. Based on the findings, training on Research Ethics organized and a total of 21(M=14; F=7) regional ethical committee member of the five regions participated.
	<b>7.3.10</b>	Support journal	WHO	31.685	25%	Sept	2013	TOR has been developed and ready for signature with EPHA
	<b>7.3.11</b>	Research digest	WHO	5.198	10%	Sep	2013	Consultant requirement is in progress
	<b>7.3.12</b>	HRD support	KNCV	31.210	75%	Jan	2013	curriculum developed for the training of OR mentors; and backstops support provided for the OR trainings
	<b>7.3.13</b>	Dissemination	KNCV		Cancelled	Sep	2013	carried over to APA4
	<b>7.3.14</b>	Strengthen TRAC	KNCV	14.548	100%	June	2013	Infrastructural support for OR unit provided
	<b>2b.7.3.1</b>	Operational research agenda priority setting	KNCV	59.802	100%	Oct	2012	National TB Research Advisor Committee (TRAC) stakeholders' workshop conducted from Oct 17-19, 2012, national OR assessment findings presented & national TB OR roadmap with OR priority agenda developed. The workshop proceedings prepared, printed and distributed
	<b>2b.7.3.2</b>	Assessment of OR capacity and future demands	KNCV	23.129	100%	Dec	2012	National OR assessment conducted and presented during National TB Research Advisor Committee (TRAC) stakeholders' workshop.
	<b>2b.7.3.3</b>	Training on operational research part I	KNCV	85.274	100%	Dec	2012	The Operation Research (OR) modular training for the 1st cohort of OR trainee block 1 and mentors training conducted from Dec 2-8, 2012. A total of 33 (M=31 & F=2) participants from five regions and FMOH participated in the training. Five draft proposal were developed by the participants on selected operational research topics.
	<b>2b.7.3.4</b>	Mentor training	KNCV	2.600	100%	Dec	2012	Activity done with 2b.7.3.3
	<b>2b.7.3.5</b>	Conduct operational research	KNCV	69.000	50%	Sep	2013	Final 7 draft OR protocol submitted by OR trainees from regions. Soon to start data collection
	<b>2b.7.3.6</b>	Conduct minor operational researches	KNCV	48.575	Cancelled	Sep	2013	Will be re-planned in APA4
	<b>2b.7.3.7</b>	Sponsor research at University and Health Bureau	KNCV	36.000	50%	Sep	2013	Out of 108 LOI submitted, 13 selected & requested for full proposal submission, and all submitted their full proposal
	<b>2b.7.3.8</b>	Monitoring OR projects	KNCV	32.951	100%	Sep	2013	Operational research mapping tool developed.
	<b>2b.7.3.9</b>	Training on operational research part II	KNCV	78.344	100%	April	2013	Cohort II B I for regional and central team conducted and 7 mentors from local university were also trained & assigned.
	<b>2b.7.3.10</b>	Streamline OR approach	The Union	4.409	100%	Sep	2013	Steamlined the OR initiative in to the national strategic plan document
					83%			

8. Drug supply and management						Planned		Cumulative Progress and Deliverables up-to-date
Outcome	Activity #	Activity	Activity Leader	Approved Budget	Cumulative Technical Completion	Month	Year	
8.1 Ensured nationwide systems for a sustainable supply of drugs	8.1.1	Training on selection and quantification	MSH	29.070	<div><div></div></div> 100%	Nov	2012	The training was conducted on 13-15 June, in collaboration with PFSA & Oromia regional Health bureau(ORHB). A total of 188(M=162;F=26) participants have attended the event. The participants were selected from 80 health facilities & 24 WoHOs in Oromia region.
	8.1.2	Training on Inventory Management & IPLS	MSH	20.720	<div><div></div></div> 100%	Dec	2012	Training on Integrated pharmaceutical Logistic and supply(IPLS) was conducted on 22-24 February, 2013 with two PFSA hubs; Adama & Mekele at Executive Hotel & Axum Hotel respectively. A total of 95(M=56;F=39) participants have attended the event.
	8.1.3	Training on Basic TB	MSH	12.780	<div><div></div></div> 100%	Mar	2013	Basic Tb training was given to 71 (42 = M, 29=F) pharmacy professional from MDR TB treatment sites in AA from 29 July - 2 Aug, 2013, Adama.
	8.1.4	Workshop on Integration quantification	MSH	25.540	<div><div></div></div> Cancelled	May	2013	Activity carried over to APA4
	8.1.5	Printing LMIS forms	MSH	12.000	<div><div></div></div> 100%	Dec	2012	4500 Reporting & Requisition Forms (RRF) for HCs, 500 RRFs for hospitals & 4000 Internal Facility Reporting & Resupply Forms (IFRR) for TB clinics printed & supplied to PFSA in Aug, 14, 2013.
	8.1.6	Supportive Supervision	MSH	17.920	<div><div></div></div> 100%	Jan	2013	Joint Supportive Supervision was conducted from 10 - 17 Feb., 2013 in four teams with 3 PFSA hubs: Gullele 2 teams, Jimma 1 team & Nekemte 1 team. 51 HFs were supervised of which 10 were hospitals & 41 health centers. The level of IPLS implementation & TB DSM were the focus points of the supervision.
	8.1.7	Manual development	MSH	8.000	<div><div></div></div> Cancelled	Sep	2013	In consultation with PFSA we're assured that this activity would be financially supported by other partners and TB CARE I will continue to support the activity technically.
	8.1.8	Participate in TWGs.	MSH		<div><div></div></div> 100%	Nov	2012	<ul style="list-style-type: none"><li>Participated in TB/HIV TWG meetings mainly on TB Patient Kits introduction &amp; management.</li><li>TB Drug supply management meeting at PFSA &amp; FMOH.</li><li>And, 5 year national TB program analysis including TB DSM</li></ul>
	8.1.9	Training material	MSH		<div><div></div></div> Cancelled	Sept	2013	Carried over to APA4
	8.1.10	Assess the feasibility of introducing patient kits in Ethiopia	MSH	8.511	<div><div></div></div> 100%	Sep	2013	<ul style="list-style-type: none"><li>Developed an Operational Guideline &amp; Training manual on TB patient kits Introduction &amp; management organized by FMOH in collaboration with partners.</li><li>102 (88=M, 14=F) participants from HFs from Tigray region were trained on the implementation of TB PKs in April 5, 2013.</li></ul>
	8.1.11	Overseas Training on Supply Chain Management on TB	MSH	14.625	<div><div></div></div> 100%	Sep	2013	2 PFSA & 1 TB CARE I staff trained on TB pharmaceuticals supply chain Management training which is organized by IUATLD.
Total Approved Staffing & Operations Budget				1.296.754				
Grand Total Approved Project Budget (APA 2b + APA 3)				5.803.750				

## 6. TB CARE I-supported International Visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Summary Mission Report submitted to CD & PMU	Additional Remarks
1	KNCV	1.1.3	Netty Kamp	TA on CSO engagement	February	Completed	1st round in April, 2013 (1 wk) and 2nd round Aug 19-31, 2013	Yes	TA on ACSM during the external NTP review, conducted from Aug 19-31, 2013
2	KNCV	3.4.5	Amos Kutwa	TA on TBIC	May	Completed	June 7-14/2013	Yes	
3	KNCV	4.1.18	Valentina Anismova	TA on laboratory for DR-TB/GeneXpert	August	Completed	July 29-Aug 10, 2013	Yes	
4	KNCV	4.1.21	Victor Ombeka	TA on PMDT	January	Completed	May 25-June 7, 2013	Yes	
5	KNCV	4.1.22	Agnes Gebhard	International Training on PMDT	July	Cancelled			Activity covered by 4.1.21
6	KNCV	6.2.3	Bert Schreuder	TA on HSS	June	Completed	1st round June 16-22/2013; 2nd round in Aug 19-31, 2013	Yes	During NTP external review focusing on HSS part
7	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-Part III	Sep	Cancelled			Activity carried over to APA4
8	KNCV	7.3.1	Eveline Klinkenberg	TA to support OR training-Part I	July	Completed	Apr 22-27, 2013	Yes	
9	MSH	2.1.11	Charles Kagoma	TA on laboratory	January	Completed	Dec 27/2012-Jan 4 /2013		
10	MSH	5.2.14	Eluid Wondwalo	TA on TB/HIV	April	Cancelled			Activity carried over to APA4
11	MSH	8.1.10	Samuel Kinyanjui	Drug management	October	Cancelled			Activity carried over to APA4
12	The Union	7.3.1	ID Russen	TA on Operational research	Dec, 2012	cancelled			Activity carried over to APA4
13	The Union	7.3.1	TBD	TA on Operational research	July	Cancelled			Activity carried over to APA4
14	The Union	7.3.2	ID Russen	TA on impact assesment framework	June	Cancelled			Activity carried over to APA4
15	The Union	7.3.2	TBD	TA on impact assesment framework	June	Cancelled			Activity carried over to APA4
16	WHO	6.2.1	Consultant from AFRO (TBD)	TA on training on leadership	Sep	Cancelled			Activity carried over to APA4

17	KNCV	4.1.5	Victor Ombeka	TA on PMDT	Oct-Dec	Completed	May 25-June 8/2013	Yes	
18	KNCV	7.3.2	Eveline/regional epidemiologist	TA on operational research	Dec,2012	Completed	Dec4-11,2012	Yes	
19	KNCV	7.3.8	Eveline/regional epidemiologist	TA on operational research	April	Completed	July 29-Aug 9, 2013	Yes	Epidemiological review mission for NTP external review
20	KNCV	7.3.9	Professor Muntaser Ibrahim, Institute of endemic disease of University of Khartoum	TA on health research ethics capacity building	March	completed	March 15-18,2013		
Total number of visits conducted (cumulative for fiscal year)						9			
Total number of visits planned in workplan						20			
Percent of planned international consultant visits conducted						45%			



## Quarterly Report on Global Fund Engagement

<b>Country</b>	<b>Ethiopia</b>	<b>Period</b>	<b>July-September 2013</b>
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<b>Current Global Fund TB Grants</b>				
<b>Name (i.e. Round 10 TB)</b>	<b>Average rating*</b>	<b>Current rating</b>	<b>Total approved amount</b>	<b>Total dispersed to date</b>
SSF	n/a	N/A	\$34.5M	\$14.8M
Round 9	B1	B1	\$14.3M	\$11.6M

\*Since January 2010

### **In-country Global Fund status - key updates, challenges and bottlenecks**

Ethiopia succeeded in getting the round 10 (2012-2016) Global Fund support, and the grant agreement for the first phase signed on March 22, 2012. More than 63% of the fund will be utilized for the procurement of first line anti-TB drugs, Microscopy and laboratory reagents, to strengthen and scale up TB/HIV collaborative activities and for the procurement of second line drugs which will be sufficient for 1500 MDR TB patients. And, 10% of the total fund is allocated to support for M & E and OR activities. More than 50% of the requested fund of the approved round 10 budget has already been released and being utilized accordingly. Major challenges & bottlenecks related to GF remains to be: inadequate utilization capacity of the fund due to human resource problem e.g. staff turnover, low technical capacity at all level, fund utilization is regulated in accordance to the government rate, which is very low e.g. daily subsistence payment, which has made the fund the least preferred source and therefore unutilized.

### **TB CARE I & Global Fund - TB CARE I involvement in GF support/implementation and effect of GF on the TB CARE I workplan**

TB CARE may support to speed up implementation of activities and fund utilization capacity, if TB CARE has the mandate to do so. The GF effect so far on TB CARE I workplan has been enabling and complementary.